TRANS	MITTAL RM nondence after initial filing	At Unit	PTO/SB/21 (08-03) Approved for use through 07/31/2006. OMB 0651-0031 and Trademark Office; U.S. DEPARTMENT OF COMMERCE to of information unless it displays a valid OMB control number. 10/642,677 Aug. 19,2003 Videen ARL 03-06 apply)
Extension of Time Express Abandonr Information Disclost Certified Copy of F Document(s) Response to Missi Incomplete Application	eclaration(s) Request nent Request sure Statement Priority ng Parts/	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre Terminal Disclaimer Request for Refund CD, Number of CD(s)	After Allowance communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): Copies of 27 paternts & documents
Individual name Signature Date I hereby certify that this con	CER	TIFICATE OF TRANSMISSION	mand)
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Gorden Videen

Serial No.: 10/642,677

Filed: Aug. 19, 2003

Confirmation No.: To Be Assigned

Group Art Unit: To Be Assigned

Examiner: To Be Assigned

Docket No.: ARL 03-06

For: Systems and Methods for Analyzing Particle Systems of Surface Facets Using Polarized Scattered Light

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

under 37 CFR 1.97(b), or

X

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

	_	(within Three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)					
		under 37 CFR 1.97(c) together with either a: Statement Under 37 C.F.R. 1.97(e), or a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever occurs first)					
		under 37 CFR 1.97(d) together with a: Statement under 37 CFR 1.97(e), and a \$180.00 petition fee set forth in 37 CFR 1.17(p). (Filed after final office action or notice of allowance, whichever occurs first, but before payment of the issue fee)					
	y of this	d is a check in the amount of \$. Please charge \$ to deposit account . At any time during the application, please charge any fees required to Deposit Account pursuant to 37 CFR 1.25. The hereby requested to credit any overpayment to Deposit Account No					
\boxtimes	patents, be mate	nt(s) submit herewith Form PTO 1449A - Information Disclosure Statement by Applicant together with copies of publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not rial to the examination of this application and for which there may be a duty to disclose in accordance with 37 to the examination of this application and for which there may be a duty to disclose in accordance with 37 to the examination of this application and for which there may be a duty to disclose in accordance with 37 to the examination of this application and for which there may be a duty to disclose in accordance with 37 to the examination of this application and for which there may be a duty to disclose in accordance with 37 to the examination of this application and for which there may be a duty to disclose in accordance with 37 to the examination of this application and for which there may be a duty to disclose in accordance with 37 to the examination of this application and for which there may be a duty to disclose in accordance with 37 to the examination of this application and for which there may be a duty to disclose in accordance with 37 to the examination of this application and for which there may be a duty to disclose in accordance with 37 to the examination of this application and the examination of this application and the examination of th					
	other for 37 CFR is cited language	se explanation of the relevance of foreign language patents, foreign language publications and reign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent in a search report or other action by a foreign patent office in a counterpart foreign application, an English e version of the search report or action which indicates the degree of relevance found by the foreign office is listed form PTO 1449 and is enclosed herewith.					

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport

to offer.

This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

By:

William Randolph William Randolph Patent Attorney Reg. No. 28,986

Nov. 12, 2003

CERTIFIED MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as "First Class Mail," in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

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INFORMATION DIS SURE CITATION

Attorney Docket No. ARL 03-06

Applicant Gorden Videen

(Use several sheets if necessary)					Filing Date		Group To be assigned				
			U.S. PA	TENT DOCUMEN	rs						
Examiner I	Item	Document Number	Date	Name		Class	Subclass Filing Da				
	Α	5,028,119 7/2/91 Hegg, et al.			350	174 4/7/89		89			
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	G	6,414,797	7/2/02	Gorden Videen		359	631	11/13/00			
			FOREIGN	PATENT DOCUMI	ENTS						
		Document Number	Date	Count	ry	Class	Subclass	Translation			
								Yes	N		
		OTHER DOCUM	ENTS (Includ	ling Author, Title, D	ate, Pertinent Pa	ages, etc	:.)	<u> </u>	<u> </u>		
	Н										
	I	Yu. G. Shkuratov, M.A. Kreslavsky, A.A. Ovcharenko, D.G. Stankevich, and E.S. Zubko; Opposition Effect Clementine Data and Mechanisms of Backscatter; 1999; pp. 132-155									
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DATE CONSIDERED:

Form PTO-1449

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INFORMATION DISCLOSURE CITATION

Attorney Docket No. Serial No. 10/642,677

Applicant

Gorden Videen

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(Use several sheets if necessary) Filing Date Group To be assigned U.S. PATENT DOCUMENTS Examiner Item Document Date Name Class Subclass Filing Date **Initials** Number If Appropriate Q 6,124,928 9/26/00 Slater 356 317 3/6/98 R 6,052,187 4/18/00 Krishnan, et al. 356 364 8/31/98 S 4,770,529 9/13/88 Levinson, et al. 356 153 9/13/88 Т 6,097,488 8/1/00 Grek, et al. 356 364 8/1/00 FOREIGN PATENT DOCUMENTS Document Date Country Class Subclass Translation Number Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Ismo V. Lindell, Ari H. Sihvolva, Karri O. Muinonen, and Peter W. Barber; Scattering By a Small Object Close to an Interface; J. Opt. Soc. Am. A/Vol. 8, No. 3/March 1991; pp. 472-476 K. O. Muinonen; A.H. Sihvola; I.V. Lindell; and K.A. Lumme; Scattering by a Small Object Close to An Interface; J. Opt. Soc. Am. A/Vol.8, No.3/March 1991; pp 477-482 Karri Muinonen; Coherent Backscattering by Absorbing and Scattering Media; Sixth Conference on Light Scattering by W Nonspherical Particles; pp 223-226 X J.E. Geak and M. Geake; A Remote-Sensing Method for Sub-Wavelength Grains on Planetary Surfaces by Optical Polarimetry; Mon. Nat. R. astr. Soc. (1990) 46-55 Milo Wolff; Polarization of Light Reflected From Rough Planetary Surface; Applied Optics; June, 1975; pp 1395-1405 K. Muinonen, M Kokko, S. Pohjolainen; and P. Hakala; Proceedings of the Finnish Astronomical Society; Observatory and Astrophysics Laboratory, University of Helsinki; 1990; pp 12-15 Nadia T. Zakharova and Michael I. Mishchenko; Scattering Properties of Needlelike and Platelike Ice Spheriods With Moderate Size Parameters; Applied Optics/Vol. 39, No. 27/ September 20, 2000; pp 5052-5057

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to the applicant.

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